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		loop UNE employed or ordered by AT&T.	are presumed to be acceptable for shared line deployment in accordance with FCC rules ("Advanced Services"), the frequency
		Digital Designed Loop A metallic loop provisioned in accordance	range above the voice band on the same copper Loop required by
		with specific AT&T requirements that are provided on a case by case	AT&T to provide such services. This Agreement addresses line
		basis, typically involving conditioning or the removal of bridge taps, load coils, etc.	sharing over loops that are entirely copper loops. The Parties do not intend anything in this Agreement to prejudice either AT&T's positio.
		Total cons, etc.	that line sharing may occur on loops constructed of fiber optic cable,
		High Frequency Spectrum (HFS) The frequency range above the	digital loop carrier electronics, and copper distribution cable or
		traditional voiceband (e.g., 4000 Hz, on a continuous copper loop	Verizon's position that line sharing can only occur over copper loops
		facility that is used to transmit communications independently of	or copper sub-loops.
		transmissions in the low frequency range (e.g., 4000 Hz and below)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		that may be simultaneously used for circuit switched voice band	
		services.	1.48 "Line Splitting" is an arrangement by which AT&T, at its
			Collocation arrangement or the Collocation arrangement provided by
		Unless expressly stated herein, Line Sharing. Line Splitting and all	Verizon to another CLEC, facilitates that CLEC's provision of ADSL
		associated terminology shall have the same meaning as in Verizon's	(in accordance with T1.413) or any other xDSL technology that is
		New York State tariffs and in the documentation describing the	presumed to be acceptable for shared line deployment in accordance
		operational processes to support line sharing and line splitting	with FCC rules, to a particular AT&T Customer over the high
		developed by, or in connection with, the DSL Collaborative	frequency range portion of an existing copper xDSL compatible Loop
		proceeding conducted under the auspices of the New York State	(i.e. compatible with an xDSL service that is presumed to be
		Department of Public Service ("DSL Collaborative") and operational agreements between AT&T and Verizon in New York (collectively the	acceptable for shared line deployment in accordance with FCC rules
		"New York DSL Process").	("data channel") provided by Verizon that is used simultaneously by
i		New Tork DSL Process).	AT&T to provide analog circuit-switched voice grade service to that
		Line Sharing Use of the HFS of Verizon's local loop by AT&T or a	Customer through the provision of unbundled Local Switching.
		third party CLEC to provide Advanced Services to customers when	
		Verizon simultaneously provides the customer's retail local voice	
		service in the low frequency spectrum of the same local loop.	
		,	11.2.17 <u>Line Sharing.</u> To the extent required by Applicable
		Line Splitting Simultaneous use of both the low frequency spectrum	Law, Verizon shall provide Line Sharing to AT&T for AT&T's
		and high frequency spectrum of a single loop by AT&T when Verizon	provision of ADSL (in accordance with T1.413), Splitterless ADSL (in
		does not provide the customer's retail local service using the low	accordance with T1.419), RADSL (in accordance with TR # 59), MVL
		frequency spectrum. AT&T, using its own facilities or the UNEs of	(a proprietary technology), or any other xDSL technology that is presumed to be acceptable for shared line deployment in accordance
		Verizon, provides services in the low frequency spectrum. Services in	with FCC rules, on the terms and conditions set forth herein. In
		the high frequency spectrum may be provided by either AT&T or a	order for a Loop to be eligible for Line Sharing, the following
		third party CLEC, given that the CLEC providing service in the HFS	conditions must be satisfied for the duration of the Line Sharing
		is authorized by AT&T, the party responsible for the entire loop, to	arrangement: (i) the Loop must consist of a copper loop compatible
		utilize the HFS. Services in the HFS may be provided using AT&T's	with an xDSL service that is presumed to be acceptable for shared-
		own facilities, through the use of resold services (whether retail or	line deployment in accordance with FCC rules; (ii) Verizon must be
		wholesale), through the use of UNEs, or any technically feasible	The state of the s

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		combination of the preceding.	providing simultaneous circuit-sy to the Customer served by the Lo
		Low Frequency Spectrum (LF) The frequency spectrum of the loop	Customer's dial tone must origin
		facility, typically a continuous copper facility, extending from 300 to	in the Wire Center where the Lin
		4000 Hz; the frequency range from 3000 - 4000 Hz is typically not	requested; and (iv) the xDSL tec
		used for transmission of communications.	that Loop must not significantly of services provided on that Loop.
		*DSL A common reference to advanced services that use digital	
ļ.		subscriber line technology, including ADSL (asymmetric digital	11.2.17.1 Verizon shall n
		subscriber line), HDSL (high speed digital subscriber line), UDSL	at the rates set forth in Exhibit A.
		(universal digital subscriber line), VDSL (very high speed digital	nonrecurring charges shown in E
l		subscriber line), and RADSL (rate adaptive digital subscriber line) to	following rates shown in Exhibit
j		send signals over copper wires to packet switches. The small "x"	are among those that may apply
		before the letters DSL signifies a reference to a generic transmission	prequalification charges to deter
		technology, as opposed to a specific DSL "flavor."	compatible (i.e., compatible with be acceptable for shared-line de
		NC/NCI (Network Channel/Network Channel Interface) Information	rules); (ii) engineering query ch
		Codes used to identify the technical details of the channel (NC Codes)	charges, or Loop conditioning (L
		and the channel interface elements (NCI Code) of a facility, such as	(iii) charges associated with Col.
		the number of conductors, protocol, transmission level points, etc.	AT&T and not covered by Exhibit
		They are a registered trademark of Telecordia Technologies, Inc. and	charges, charges for installation
		are administered by that entity.	surcharges, and trouble isolation
ŀ		Power Spectral Density (PSD) A measurement that defines the	11.2.17.2 The following
		maximum limit on signal power densities as a function of frequency,	Line Sharing:
		so as to permit engineers to deploy an xDSL technology in a manner	
		that minimizes cross-talk (or signal interference) between conductors	(i) To determine v
		within the local loop plant.	Sharing, the Loop must first be p
			compatible. AT&T must utilize i
1		1.1 Verizon shall provide Line Sharing and Line Splitting support to AT&T so	qualification processes describe
		that AT&T may provide services through use of the high frequency spectrum	Designed Loops, as referenced i
		(HFS) of the local loop facility. Such services include, but are not limited to,	determination.
		ADSL (in accordance with T1.413), Splitterless ADSL (in accordance with	
1		T1.419), RADSL (in accordance with TR # 59), MVL (a proprietary	(ii) AT&T shall pl
1		technology), of any other any xDSL technology that is presumed to be acceptable for shared line deployment in accordance with FCC rules or has	delivering to Verizon a valid elec
		been deployed by any other carrier in any state, subject to the terms and	other mutually agreed upon type
			shall be provided in accordance
		conditions set forth herein.	specifications or such format an
l		T.	by the Parties.

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providing simultaneous circuit-switched analog voice grade service
to the Customer served by the Loop in question; (iii) the Verizon
Customer's dial tone must originate from a Verizon End Office Switch
in the Wire Center where the Line Sharing arrangement is being
requested; and (iv) the xDSL technology to be deployed by AT&T on
that Loop must not significantly degrade the performance of other

at the rates set forth in Exhibit A. In addition to the recurring and nonrecurring charges shown in Exhibit A for Line Sharing itself, the following rates shown in Exhibit A and in Verizon's applicable Tariffs are among those that may apply to a Line Sharing arrangement: (i) prequalification charges to determine whether a Loop is xDSL compatible (i.e., compatible with an xDSL service that is presumed to be acceptable for shared-line deployment in accordance with FCC rules); (ii) engineering query charges, engineering work order charges, or Loop conditioning (Digital Designed Loop) charges; (iii) charges associated with Collocation activities requested by AT&T and not covered by Exhibit A; and (iv) misdirected dispatch charges, charges for installation or repair, manual intervention surcharges, and trouble isolation charges.

11.2.17.2 The following ordering procedures shall apply to Line Sharing:

- (i) To determine whether a Loop qualifies for Line Sharing, the Loop must first be prequalified to determine if it is xDSL compatible. AT&T must utilize the mechanized or manual Loop qualification processes described in the terms applicable to Digital Designed Loops, as referenced in paragraph (v) below, to make this determination.
- (ii) AT&T shall place orders for Line Sharing by delivering to Verizon a valid electronic transmittal service order or other mutually agreed upon type of service order. Such service order shall be provided in accordance with industry format and specifications or such format and specifications as may be agreed to by the Parties.

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ľ		conditions must be satisfied for the duration of the Line Sharing arrangement:	(iii) If the Loop is prequalified by AT&T through the
1		(i) the loop facility must be capable of supporting the Power Spectral Density	Loop prequalification database, and if a positive response is received
		Mask (PSD) of the equipment attached; (ii) Verizon must be providing	and followed by receipt of AT&T's valid, accurate and pre-qualified
		simultaneous circuit-switched retail local service to the retail customer served	service order for Line Sharing, Verizon will return an LSR
		by the loop facility in question; (iii) the customer's dial tone must originate	Confirmation within twenty-four (24) hours (weekends and holidays
1		from a Verizon End Office Switch in the Wire Center where the arrangement is	excluded) for LSRs with less than six (6) loops and within 72 hours
		being requested; and (iv) the xDSL technology attached to the loop by AT&T	(weekends and holidays excluded) for LSRs with six (6) or more
1		must not result in any proven and significant degradation of retail local voice	loops, unless a different interval is ordered by the Commission.
		service provided over the same loop facility.	
ļ			(iv) If the Loop requires qualification manually or
ł		1.1.2 In order for a loop facility to be eligible for Line Splitting, condition (i)	through an Engineering Query, three (3) additional business days will
1		from 1.1.1 above must apply for the duration of the Line Splitting arrangement.	generally be required to obtain Loop qualification results before an
		In addition, if AT&T is providing voice service over the loop through the use of	LSR Confirmation can be returned following receipt of AT&T's valid,
		Verizon's unbundled local switching and shared transport elements, conditions	accurate request. Verizon may require additional time to complete
		(iii) and (iv) from 1.1.1 must also apply for the duration of the Line Splitting	the Engineering Query where there are poor record conditions, spikes
		arrangement.	in demand, or other unforeseen events, unless such additional time is
İ			not permitted pursuant to an effective Commission order.
		1.2 Verizon shall make Line Sharing and Line Splitting available to AT&T	(1)
1		at TELRIC rates set forth in Exhibit A. Prices for line sharing and line	(v) If conditioning is required to make a Loop capable
		splitting support shall be specific to Virginia, but Verizon shall bear the burden	of supporting Line Sharing and AT&T orders such conditioning, then
		of justifying material variances from the pricing and price structure adopted in	Verizon shall provide such conditioning in accordance with the terms
		New York. These rates and/or rate structures shall be considered interim in	of this Agreement pertaining to Digital Designed Loops; provided,
		nature until the Commission has approved them or otherwise allowed them to	however, that Verizon shall not be obligated to provide Loop
1		go into effect as a result of a proceeding before the Commission. If, as a result	conditioning if Verizon establishes that such conditioning is likely to
1		of any such proceeding, the Commission should approve (or otherwise allow to	degrade significantly the voice-grade service being provided to
i		go into effect) permanent rates and/or rate structures different than those	Verizon's Customers over such Loops.
		shown in Exhibit A, all such approved or effective permanent rates and/or rate structures shall supercede those shown in Exhibit A. The permanent rates shall	(iii) The standard Lean manifest to the Heat
1		be effective retroactively to the Effective Date. The Parties shall true-up any	(vi) The standard Loop provisioning and installation
}		amounts previously invoiced as if the permanent rates had been in effect as of	process will be initiated for the Line Sharing arrangement only once the requested engineering and conditioning tasks have been
		that date. Each Party shall invoice the other for any amounts due to it as a	completed on the Loop. Scheduling changes and charges associated
1		result of such true-up, and all such invoices shall be paid in accordance with	with order cancellations after conditioning work has been initiated
1		the Billing and Payment provisions of this Agreement.	are addressed in the terms pertaining to Digital Designed Loops, as
[The Diffing and I agment provisions of this regreement:	referenced in paragraph (v) above. Except as otherwise required by
		1.3 The following operational support procedures shall apply to Line	Applicable Law, the standard provisioning interval for Line Sharing
		Sharing and Line Splitting:	shall be three (3) business days. In no event shall the Line Sharing
		Sharing and Line Spitting.	shall be three (3) business days. In no event shall the Line Sharing

To determine whether a loop facility qualifies for Line

Sharing, the Loop must first be pre-qualified (unless it has been previously prequalified as a Digital Designed Loop to determine if the Loop facility can interval applied to AT&T be longer than the interval applied to any

affiliate of Verizon. Line Sharing arrangements that require pair swaps or line and station transfers in order to free up facilities will

have a provisioning interval of not less than six (6) business days.

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		reasonably support services in the HFS of the loop. To perform the pre-	have a provisioning interval of not less the
1		qualification, AT&T may utilize, at its option, any of the Loop pre-qualification	
		methods currently provided by or used by Verizon , provided that the same	(vii) AT&T must provide all r
ļ		qualification procedure is required of all other parties engaged in Line Sharing	SBN and NC/NCI information when a Line
		or Line Splitting with Verizon, including any affiliate of Verizon. These	ordered. Collocation augments required, e
ļ		methods include: 1) any mechanized Loop qualification process available to	Collocation node, or for splitter placemen
		Verizon or any other party, 2) the manual Loop qualification processes	standard collocation applications and pro-
		described in the terms applicable to Digital Designed Loops, as referenced in	agreed to by the Parties or specified in thi
		paragraph (v) below, or 3) an Engineering Query, a standard practice	
		especially for Digital Designed Loops, where additional Loop information not	(viii) The Parties recognize th
		available through the manual Loop qualification process is provided. Should	offering that requires both Parties to make
ĺ		Verizon subsequently offer develop any other Loop qualification procedures or	coordinate their respective roles in the rol
}		methods to for any other party engaged in Line Sharing or Line Splitting with	order to minimize provisioning problems a
		Verizon, then Verizon shall provide AT&T with a non-discriminatory	will provide reasonable, timely, and accur
		opportunity to participate in planning and implementing modifications to	Sharing requirements, including splitter pa
		available data compilations or procedures and shall simultaneously make any	ordering preferences. These forecasts, whi
)		new or changed procedures and new or restructured data available to AT&T, if	are in addition to projections provided for
		so requested by AT&T, for use at AT&T's option. The pre-qualification	unbundled Loop types.
,		interface(s) shall be uniform across all of the states served by Verizon.	
			11.2.17.3 To the extent required by
		1.3.2. When AT&T engages in Line Splitting, it may, at its option,	shall provide Verizon with information reg
		utilize the same procedures available to qualify a loop as are made available	technology that it deploys on each shared
		for Line Sharing. To the extent that AT&T requires additional information in	change in technology is planned on a shar
		order to submit an order to establish Line Splitting, such as information that	provide this information to Verizon in order
		the loop is capable of supporting service in the HFS of the loop, Verizon will	Loop records and anticipate effects that th
		make the information necessary to make such a determination available	voice grade service and other Loops in the
		through the same pre-ordering interface as currently employed for UNE-P	groups. As described more fully in Verizo
		orders that do not involve Line Splitting.	72575, the xDSL technology used by AT&
			Arrangements shall operate within the Por
		1.3.32 Notwithstanding the foregoing, AT&T may elect not to	limits set forth in T1.413-1998 (ADSL), T1
		perform Loop pre-qualification for line splitting using a qualification	ADSL), or TR59-1999 (RADSL), and MVL
		procedure other than those offered by Verizon and in such cases Verizon shall	shall operate within the 0 to 4 kHz PSD lin
		not reject an AT&T order for Line Splitting because Verizon's Loop pre-	within the transmit PSD limits of T1.601-1
1		qualification procedure was not performed. If a Loop was previously pre-	4 kHz, provided that the MVL PSD associa
		qualified and/or conditioned by another carrier, whether independent of or	frequencies above 4 kHz shall be sufficient

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than six (6) business days.

- ll required Collocation, CFA, ine Sharing Arrangement is l, either at the POT Bay, ent must be ordered using rocedures, unless otherwise this Agreement.
- that Line Sharing is an ake reasonable efforts to roll out of Line Sharing in is and facility issues. AT&T rurate forecasts of its Line placement elections and which shall be non-binding, for other stand-alone
- by Applicable Law, AT&T regarding the type of xDSL ed Loop. Where any proposed ared Loop, AT&T must rder for Verizon to update the change may have on the the same or adjacent binder izon Technical Reference &T for Line Share Power Spectral Density (PSD) T1.419-2000 (Splitterless VL (a proprietary technology) limits of T1.413-1998 and 1-1998 for frequencies above ciated with audible frequencies above 4 kHz shall be sufficiently attenuated to preclude significantly degrading voice services. AT&T's deployment of additional Advanced Services shall be subject to the applicable rules and regulations of the FCC.

performs a pre-qualification of the Loop. When AT&T opts not to use Verizon's tools to perform Loop pre-qualification on a Loop employed in Line

affiliated with Verizon, Verizon shall make that fact known to AT&T through a

pre-ordering transaction and Verizon shall be responsible for assuring the loop can support service in the HFS, regardless of whether or not AT&T

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		Splitting and the Loop was not in use providing the same xDSL service at the time of its order, AT&T will not hold Verizon responsible for service performance in the HFS unless and until the Loop is qualified according to then-current Verizon Loop qualification procedures. When AT&T elects not to use Verizon's loop pre-qualification procedure, it shall not be assessed any charge for such procedures.
		1.3.3 Notwithstanding the above, Ferizon will permit and support AT&T's re-use of a loop for a line sharing or line splitting configuration if the loop is currently employed to provide active xDSL service, whether or not AT&T performs a loop qualification.
		1.3.4 AT&T shall place orders for Line Sharing or Line Splitting by delivering to Verizon a valid service order. Such service order shall contain all required information and be provided in accordance with industry format and specifications when such standards exist. To the extent such standards do not exist, Verizon has a present obligation to propose a reasonable format for such orders and AT&T will negotiate in good faith to reach mutual agreement on a format. However, Verizon may not reject orders for manual processing solely because the Parties have not yet agreed on an order format. Once the Parties have reached mutual agreement on an ordering format, either party may opt to submit additional unresolved issues to dispute resolution as provided in Section 28.11. The Parties agree to use the existing interface for submission of UNE-P orders and order status tracking, unless AT&T agrees to do otherwise. The ordering interface shall be uniform across all of the states served by Verizon.
		1.3.5 Verizon shall provide non-discriminatory operational support to AT&T and any Authorized Agent for the purpose of Line Splitting. Verizon will implement a region wide methodology, contemporaneously with implementation in New York but in no event later than January 2002, to effectuate a records only billing conversion from Line Sharing to Line Splitting when the carrier providing service in the HFS continues service to a retail customer and AT&T becomes the provider of the voice service in the low frequency spectrum of the Loop. In such cases, Verizon will accept an order issued either by AT&T or by the Authorized Agent, provided that the Authorized Agent uses a carrier identifier code that identifies AT&T as the responsible entity. For such orders, Verizon's records shall reflect that AT&T is the entity purchasing the existing Loop network element on a prospective

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of a Loop in a Line Sharing arrangement through an established Collocation arrangement at the Verizon Serving Wire Center that contains the End Office Switch through which voice grade service is provided to Verizon's Customer. AT&T is responsible for providing a splitter at that Wire Center that complies with ANSI specification T1.413 which employs Direct Current ("DC") blocking capacitors or equivalent technology to assist in isolating high bandwidth trouble resolution and maintenance to the high frequency portion of the frequency spectrum, and is designed so that the analog voice "dial tone" stays active when the splitter card is removed for testing or maintenance through one of the splitter options described below. AT&T is also responsible for providing its own Digital Subscriber Line Access Multiplexer ("DSLAM") equipment in the Collocation arrangement and any necessary Customer Provided Equipment ("CPE") for the xDSL service it intends to provide (including CPE splitters, filters and/or other equipment necessary for the end user to receive separate voice and data services across the shared Loop). Two splitter configurations are available. In Configuration Options 1 and 2, the splitter must be provided by AT&T and must satisfy the same NEBS requirements that Verizon imposes on its own splitter equipment or the splitter equipment of any Verizon affiliate. AT&T must designate which splitter option it is choosing on the Collocation application or augment. Regardless of whether AT&T selects Options 1 or 2, the splitter arrangements must be installed before AT&T submits an order for Line Sharing.

Splitter Option 1: Splitter in AT&T Collocation Area

In this configuration, the AT&T-provided splitter (ANSI T1.413 or MVL compliant) is provided, installed and maintained by AT&T in its own Collocation space within the Customer's serving End Office. The Verizon-provided dial tone is routed through the splitter in the AT&T Collocation area. Any rearrangements will be the responsibility of AT&T.

Splitter Option 2: Splitter in Verizon Area

In this configuration, Verizon inventories and

basis, and that the loop facility includes any splitter Verizon has deployed on

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		the Loop. In such cases, Verizon shall not make any changes to the physical	maintains an AT&T-provided splitter (ANSI T1.413 or MVL
		configuration serving the end user unless mutually agreed upon in advance by	compliant) in Verizon space within the Customer's serving
		both parties. Verizon may opt to employ manual or mechanized procedures to	End Office. The splitters will be installed shelf-at-a-time.
		implement the billing conversion; however, Verizon's procedures shall not	· · · · · · · · · · · · · · · · · · ·
ļ		limit AT&T's ability to serve the retail customer or to transact business with its	In those serving End Offices where Verizon has
		Authorized Agent. Upon the completion date of the order, AT&T will assume	employed the use of a Point of Termination ("POT") Bay,
		financial liability for the configuration on a prospective basis, according to the	the splitter will be installed (mounted) in a relay rack
		provisions of this Agreement, and Verizon will direct billing to the account	between the POT Bay and the MDF. The demarcation point
		number(s) designated by AT&T. Furthermore, to the extent that collocation or	is at the splitter end of the cable connecting the AT&T
		other equipment of the Authorized Agent is used in the Line Splitting	Collocation and the splitter. At AT&T's option, installation
		configuration, Verizon shall treat such equipment and collocation as though it	of the splitter shelf may be performed by Verizon or by a
		were AT&T's when performing the cross-connections specified on any orders	Verizon-approved vendor designated by AT&T.
ļ		issued by AT&T or its Authorized Agent. AT&T and Verizon shall define a	17
		mutually agreeable means for identifying an Authorized Agent of AT&T and	In those serving End Offices where Verizon does
}		defining permissible activities by such Authorized Agents. If the parties do not	not employ the use of a POT Bay, the AT&T-provided
		reach agreement on such issues within TBD days of the effective date of this	splitter will be located via a virtual-LIKE collocation
]		agreement or TBD date, whichever occurs earlier, either party may submit	arrangement, to which AT&T does not have access. AT&T
		such issues to dispute resolution.	shall receive its DSL traffic via tie cables running from the
			MDF to the splitter and from the splitter to AT&T's
Į			collocation arrangement. The demarcation point is the
		1.3.4 Collocation augments required either at the POT Bay,	connection to the DSLAM from the splitter. The installation
}		Collocation node, or for splitter placement, shall be ordered using standard	of the splitter shelf will be performed by Verizon or by a
		Collocation applications and procedures, unless otherwise agreed to by the	Verizon -approved vendor.
		Parties or specified in this Agreement; provided, however, the collocation	renzon approved vendor.
		interval for expanding connecting facilities for existing collocations is forty-	In either scenario, Verizon will control the splitter
		five (45) business days starting from submission of an accurate augment	and will direct any required activity. Where a POT Bay is
ļ		application through completion of collocation space that is accepted by AT&T.	employed, Verizon will perform all POT Bay work required
		When engaging in Line Sharing in a particular office, AT&T will designate	in this configuration. Verizon will provide a splitter
		which splitter option it is choosing on the Collocation application or augment.	inventory to AT&T upon completion of the required
İ		which spriner option it is choosing on the Confocution apprication or augment.	, , , , , , , , , , , , , , , , , , , ,
		1.3.7 If the HFS Loop (for Line Sharing) or the Loop UNE (for	augment.
		Line Splitting) has been pre-qualified as provided herein, or if AT&T elects not	(i) Whose a new online is a 1 throw H 1
ľ		to pre-qualify a Loop UNE for Line Splitting, and AT&T submits a valid and	(i) Where a new splitter is to be installed as part of an
		accurate service order, Verizon will return a firm order commitment (FOC)	initial Collocation implementation, the splitter installation may be
			ordered as part of the initial Collocation application. Associated
ł		within 1 business day (weekends and holidays excluded) for an order with less	Collocation charges (application and engineering fees) apply. AT&T
		than six (6) Loops and within 3 business days (weekends and holidays	must submit a new Collocation application, with the application fee,
ļ		excluded) for an order with six (6) or more Loops, unless a shorter interval is	to Verizon detailing its request. Standard Collocation intervals will
•		ordered by the Commission.	apply (unless Applicable Law requires otherwise).
		1.3.8 If connections to collocation must be established or modified,	(ii) Where a new splitter is to be installed as part of an
VEN WHED	RE DISTINCTION AMONG PETITIONERS IS NECESSARY: WO	<u> </u>	

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13322		then AT&T or its agent will provide the connecting facility assignment (CFA)	existing Collocation arrangement, or where the existing Collocation
		information appropriate to making such connections or modifications.	arrangement is to be augmented (e.g., with additional terminations at
)			the POT Bay or AT&T's collocation arrangement to support Line
,		1.3.9 AT&T may request, and Verizon shall migrate, a UNE	Sharing), the splitter installation or augment may be ordered via an
[[Platform combination provided by Verizon to a Line Splitting arrangement.	application for Collocation augment. Associated Collocation charges
	•	AT&T or its Authorized Agent shall make all cross connections within its	(application and engineering fees) apply. AT&T must submit the
1		collocation space. Verizon shall be responsible for connecting the loop outside	application for Collocation augment, with the application fee, to
1		plant to the CFA specified by AT&T or its Authorized Agent. Verizon shall	Verizon. Collocation intervals as stated in Verizon's applicable
		also connect the identified CFA of the low frequency spectrum output of the	Tariff shall apply.
		splitter to the unbundled local switching element as specified by AT&T or its	
i i		Authorized Agent.	11.2.17.5 In serving End Offices where a POT Bay has been
·			employed for use, AT&T will have the following options for testing
		1.3. 10 5 Verizon shall provide nondiscriminatory support for Line Splitting, as	shared Loops:
		compared to Line Sharing or to Verizon's provisioning of comparable DSL-	
		based services for itself or an affiliate, when the physical arrangements	11.2.17.5.1 Under Splitter Option 1, AT&T may conduct its
		supporting such offerings are comparable. For example, when provisioning	own physical tests of the shared Loop from AT&T's collocation area.
ļ į		Line Splitting for AT&T, Verizon shall assure that no more cross-connections	If it chooses to do so, AT&T may supply and install a test head to
		are required than it employs when deploying a Line Sharing arrangement in	facilitate such physical tests, provided that: (i) the test head satisfies
		the same office and the splitter used to enable Line Sharing is deployed in a	the same NEBS requirements that Verizon imposes on its own test
		comparable collocation arrangement.	head equipment or the test head equipment of any Verizon affiliate;
}			and (ii) the test head does not interrupt the voice circuit to any
		1.3.446 Adding services in the high frequency portion of a Loop to a	greater degree than a conventional Mechanized Loop Test ("MLT").
		pre-existing UNE-P configuration shall have no adverse impact on the	Specifically, the AT&T-provided test equipment may not interrupt an
1		Customer's existing UNE-P service. Specifically, unless the order submitted to	in-progress voice connection and must automatically restore any
		Verizon specifies a change, the provisioning procedure employed by Verizon	circuits tested in intervals comparable to MLT. This optional AT&T-
		shall not result in the loss of the customer's working telephone number, the	provided test head would be installed between the "line" port of the
		currently operating Loop (unless AT&T determines that such Loop will not support services in the HFS), 911 access or and listings, Line Information Data	splitter and the POT Bay in order to conduct remote physical tests of
		Base information, activated features on the switch, directory listings or	the shared Loop.
i		directory assistance database listings. The only exception is that a service	11.217.52
		interruption for POTS may occur, but any such interruption shall not exceed	11.2.17.5.2 Under Splitter Option 2, either Verizon or a
1		that which occurs when Verizon reconfigures one of its own POTS lines to a	Verizon-approved vendor selected by AT&T may install a AT&T- provided test head to enable AT&T to conduct remote physical tests
		Line Sharing configuration for itself or another carrier.	of the shared Loop. This optional ATAT provided to
		Eme bharing conjugaration for usey or another currier.	of the shared Loop. This optional AT&T-provided test head may be installed at a point between the "line" port of the splitter and the
		1.3.12 The standard Loop or UNE loop provisioning and	Verizon-provided test head that is used by Verizon to conduct its own
		installation process, as applicable, will be initiated upon receipt of a valid	Loop testing. The AT&T-provided test head must satisfy the same
		order from AT&T. Scheduling changes and charges associated with order	NEBS requirements that Verizon imposes on its own test head
1		eancellations after conditioning work has been initiated are governed by the	equipment or the test head equipment of any Verizon affiliate, and
		terms pertaining to Digital Designed Loops. The standard provisioning	may not interrupt the voice circuit to any greater degree than a
1		interval, whether for a Line Sharing or Line Splitting arrangement, initially	conventional MLT test. Specifically, the AT&T-provided test
	E DISTINICATION AMONG BET TIONEDS IS NECESSABLY, W	<u> </u>	1 conventional MET lest. Specifically, the AT&T-provided lest

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		shall be the lesser of three (3) business days or parity (with Verizon's separate	equipment may not interrupt an in-progress voice connection and
į		data affiliate) for 2W Loops or such other loop types that are employed in	must automatically restore any circuits tested in intervals comparable
		either Line Sharing or Line Splitting. In no event shall the interval offered to	to MLT. Verizon will inventory, control and maintain the AT&T-
		AT&T whether for Line Sharing or Line Splitting arrangements, be longer	provided test head, and will direct all required activity.
Ì		than the interval offered to Verizon's retail operations, any affiliate of Verizon	
		or any non-affiliated earrier. When delivery of the loop facilities requires pair	11.2.17.5.3 Under either Splitter Option 1 or 2, if Verizon has
l l		swaps or line and station transfers in order to free up appropriate facilities, the	installed its own test head, Verizon will conduct tests of the shared
- 1		provisioning interval offered shall be no more than six (6) business days, but in	Loop using a Verizon-provided test head, and, upon request, will
1		no event shall such provisioning be longer than the interval applied to Verizon	provide these test results to AT&T during normal trouble isolation
		or any of its affiliates. Verizon shall track the provisioning intervals and due	procedures in accordance with reasonable procedures.
Ì		dates met separately for Line Sharing and Line Splitting and shall demonstrate	
ĺ		that the support delivered by Verizon to AT&T is no worse than that delivered	11.2.17.5.4 Under either Splitter Option 1 or 2, Verizon will
1		to Verizon's retail operation, any affiliate of Verizon or any unaffiliated	make MLT access available to AT&T via RETAS after the service
4		companies, whichever represents the best performance attained in any one	order has been completed. AT&T will utilize the circuit number to
{		month.	initiate a test. This functionality will be available on October 31,
		126 ATRIT III was it was all the state of the	2000.
		1.3.6 AT&T will provide reasonable, timely, and accurate forecasts of its	110177 Ind
		Line Sharing requirements semi-annually, including splitter	11.2.17.6 In those serving End Offices where Verizon has not
		placementelections. These forecasts, which shall be non-binding, are in addition toprojections provided for other stand-alone unbundled Loop types.	employed a POT Bay for use, AT&T will not be permitted to supply its
	İ	Noseparate forecasting requirement shall be imposed on AT&T for Loops	own test head; Verizon will make its testing system available to AT&T through use of the on-line computer interface test system at
		employed in Line Splitting configurations.	www.gte.com/wise. This system is available 24 hours, 7 days a week.
		employed in time opining conjugarations:	www.gte.com/wise. This system is available 24 nours, / days a week.
ļ		1.43.7 AT&T shall provide Verizon with the information	11.2.17.7 The Parties will continue to work cooperatively on
		required by FCC Rules regarding the type of xDSL technology that it deploys	testing procedures. To this end, in situations where AT&T has
		on each loop facility employed in Line Sharing or Line Splitting. Unless stated	attempted to use one or more of the foregoing testing options but is
		otherwise, this information will be conveyed by the Network Channel/Network	still unable to resolve the error or trouble on the shared Loop.
		Channel Interface Code (NC/NCI) or equivalent information on the order.	Verizon and AT&T will each dispatch a technician to an agreed-upon
j		Verizon shall retain such information and shall not modify its facilities so as to	point at the Main Distribution Frame (or in exceptional cases to an
		make the loop incapable of providing the xDSL service. Where valid NC/NCI	agreed upon site in the field) to conduct a joint meet test to identify
- 1		codes are not available to accommodate AT&T's deployment of future xDSL	and resolve the error or trouble. Verizon may assess a charge for a
į.		technologies, Verizon shall work with AT&T to develop an alternative method	misdirected dispatch only if the error or trouble is determined to be
1		of notification but in no event shall the lack of a valid NC/NCI code delay	one that AT&T should reasonably have been able to isolate and
1		AT&T's service introduction by more than 30 days past the initial notification	diagnose through one of the testing options available to AT&T above.
1		that the need for a new NC/NCI code or combination may be required to fully	The Parties will mutually agree upon the specific procedures for
1		describe the service parameters. Where any proposed change in technology is	conducting joint meet tests.
1		planned on a loop employed in Line Sharing or Line Splitting and such change	
1		may result in the transmissions exceeding characteristics permissible under the	11.2.17.8 Verizon and AT&T each have a joint responsibility
		Power Spectral Density (PSD) implicit in the NC/NCI previously	to educate its Customer regarding which service provider should be
		communicated, AT&T will provide this information to Verizon so that Verizon	called for problems with their respective voice or Advanced Service
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		may (1) update loop facility records, (2) anticipate effects that the change may	offerings. Verizon will retain primary responsibility for voice band
		have on the local service Verizon may be providing in a Line Sharing	trouble tickets, including repairing analog voice grade services and
		arrangement, and (3) analyze potential spectrum interference implications for	the physical line between the NID at the Customer premise and the
		loop facilities in the same or adjacent binder groups. As described more fully	point of demarcation in the Central Office. AT&T will be responsible
		in Verizon/Bell Atlantic Technical Reference 72575, the current xDSL	for repairing advanced data services it offers over the Line Sharing
1		technology used for Line Sharing Arrangements shall operate within the PSD	arrangement. Each Party will be responsible for maintaining its ow
		limits set forth in T1.417, PSD #5 & 9 formerly T1.413 1998 (ADSL), T1.419	equipment. Before either Party initiates any activity on a new share
ľ		2000 (Splitterless ADSL), or TR59-1999 (RADSL), and MVL (a proprietary	Loop that may cause a disruption of the voice or data service of the
		technology) shall operate within the 0 to 4 kHz-PSD limits of T1.413-1998 and	other Party's Customer, that Party shall first make a good faith effo
		within the transmit PSD limits of T1.601-1998 for frequencies above 4 kHz	to notify the other Party of the possibility of a service disruption.
		provided that the MVL PSD associated with audible frequencies above 4 kHz	Verizon and AT&T will work together to address Customer initiated
		shall be sufficiently attenuated to preclude significantly degrading voice	repair requests and to prevent adverse impacts to the Customer
		services. The foregoing notwithstanding, AT&T's deployment of services in the	
		high frequency portion of the loop shall be subject only to the limitations of	11.2.17.9 When Verizon provides Inside Wire maintenance
		applicable rules and regulations of the FCC.	services to the Customer, Verizon will only be responsible for testin
		Try man and an an agreement of the con-	and repairing the Inside Wire for voice-grade services. Verizon wi
		1.5 When AT&T deploys a splitter in the central office in order to access the	not test, dispatch a technician, repair, or upgrade Inside Wire to cle
Į.		HFS of a loop, AT&T must deploy the splitter in a physical (whether caged,	trouble calls associated with AT&T's Advanced Services. Verizon y
1		shared cage, or common) or virtual Collocation arrangement at the same	not repair any CPE equipment provided by AT&T. Before a trouble
		Verizon Serving Wire Center where the loop terminates. When a splitter is	ticket is issued to Verizon, AT&T shall validate whether the Verizon
		deployed in the central office, AT&T is responsible for providing a splitter that	Customer is experiencing a trouble that arises from AT&T's
		complies with American National Standards Institute (ANSI) specification	Advanced Service. If the problem reported is isolated to the analog
		T1.413 (or successor specifications) and that satisfies the same National	voice-grade service provided by Verizon, a trouble ticket may be
		Equipment Board Standards (NEBS) requirements that Verizon imposes on its	issued to Verizon
ı		own splitter equipment or the splitter equipment of any Verizon affiliate.	
		AT&T shall have the right to choose the type of collocation space it will	11.2.17.9.1 In the case of a trouble reported by the Customer
		employ, should collocation be required, subject to the space limitation	on its voice-grade service, if Verizon determines the reported troul
		provisions. AT&T is also responsible for providing the equipment necessary to	arises from AT&T's Advanced Services equipment, splitter problem
- }		support services in the high frequency portion of the Loop, including any	or AT&T's activities, Verizon will:
		Customer Premises Equipment (CPE) necessary to support the services it	Strice Statement, Contains with
		intends to deliver using that spectrum. Such equipment includes, without	a) Notify AT&T and request that AT&T immediately
ì		limitation, CPE splitters, filters and/or other equipment as may be necessary.	test the trouble on AT&T's Advanced Service.
		Splitter arrangements must be installed and functional before AT&T submits	rest the trouble of fried of fractions see free.
-		an order for Line Sharing or Line Sharing.	b) If the Customer's voice grade service is so
			degraded that the Customer cannot originate or receive voice grad
		1.6 Notwithstanding the foregoing, Verizon shall offer to	calls, and AT&T has not cleared its trouble within a reasonable time
}		provide AT&T with access to Verizon-owned splitters, on a line at a time	frame, Verizon may take unilateral steps to temporarily restore the
		basis, and AT&T shall have the right to request Verizon provide such attached	Customer's voice grade service if Verizon determines in good faith
		Loop electronics in a central office on 90 days notice. Once such splitters are	that the cause of the voice interruption is AT&T's data service.
1		deployed, Verizon will provision AT&T's orders for Line Sharing or Line	mai the cause of the voice interruption is AT&T's data service.
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		Splitting using such Verizon provided splitters within the intervals described	c) Upon completion of steps (a) and (h) above,
1		herein. If Verizon declines to provide such capability to AT&T, it will	Verizon may temporarily remove the AT&T-provided splitter from the
		implement such capability within 45 days of an FCC order requiring ILECs	Customer's Loop and switch port if Verizon determines in good faith
		generally to do so. If the Parties are unable to reach agreement regarding the	that the cause of the voice interruption is AT&T's data service.
		implementation of such obligations, either Party may subject the issue to	
	·	Dispute Resolution as provided in Section 28.11 of this Agreement.	d) Upon notification from AT&T that the malfunction
1			in AT&T's Advanced Service has been cleared, Verizon will restore
		1.7 AT&T will have the following options for testing loop	AT&T's Advanced Service by restoring the splitter on the Customer's
		facilities whether employed in Line Sharing or Line Splitting:	Loop.
		1.7.1 When the splitter is deployed within collocation space that	e) Upon completion of the above steps, AT&T will be
		AT&T may access, AT&T may conduct its own physical tests of the	charged a Trouble Isolation Charge (TIC) to recover Verizon's costs
		loop facility from AT&T's collocation area to the customer premises.	of isolating and temporarily removing the malfunctioning Advanced
<u> </u>		If it chooses to do so, AT&T may supply and install a test head to	Service from the Customer's line if the cause of the voice interruption
		facilitate such physical tests, provided that: (i) the test head satisfies	was AT&T's data service.
		the same NEBS requirements applicable to other collocated	The state of the s
		equipment as provided in FCC rules; and (ii) the test head does not	f) Verizon shall not be liable for damages of any kind
1		interrupt the voice circuit to any greater degree than a conventional	for temporary disruptions to AT&T's data service that are the result
		metallic loop test (MLT) test when Line Sharing is occurring.	of the above steps taken in good faith to restore the end user's voice-
		Specifically, the AT&T provided test equipment may not interrupt an	grade POTS service, and the indemnification provisions set forth in
		in progress voice connection in the low frequency spectrum and must	Section 24.6 shall control in such instances.
		automatically restore any circuits tested in intervals comparable to	
		MLT in accordance with accepted industry practices. This optional	
i i		AT&T provided test head may be installed between the splitter port	
		that connects to outside plant input and the POT bay (or equivalent).	11.2.18 Line Splitting
		1.7.2 When AT&T opts to deploy the splitter in common	11.2.18.1 AT&T may provide integrated voice and
		collocation space, either Verizon or a Verizon approved vendor	data services over the same Loop by engaging in Line Splitting as set
		selected by AT&T, shall, at AT&T's request, install an AT&T-	forth in paragraph 18 of the FCC's Line Sharing Reconsideration
		provided test head to enable AT&T to conduct remote tests of the loop	Order (CC Docket Nos. 98-147, 96-98), released January 19, 2001.
		facility connecting to the customer premises. This optional AT&T	Any Line Splitting between AT&T and another CLEC shall be
		provided test head shall be installed at a point between the splitter	accomplished by prior negotiated arrangement between those CLECs.
		port connecting to the outside loop plant and the Verizon provided	To achieve a Line Splitting capability immediately, AT&T may order
		test head that is used by Verizon to conduct its own testing of the loop	an unbundled xDSL capable loop, which will terminate to a
		facility. The AT&T-provided test head must satisfy the same NEBS	collocated splitter and DSLAM equipment provided by its data
		requirements otherwise applicable to collocated equipment under	partner (or itself), unbundled switching combined with shared
		FCC rules and may not interrupt the local voice service in the low	transport, collocator-to-collocator connections, and available cross-
		frequency spectrum to any greater degree than a conventional MLT	connects, under the terms and conditions set forth in the applicable
		test in accordance with accepted industry practices. Specifically, the	sections for each element in this Agreement. AT&T or its data
		AT&T-provided test equipment may not interrupt an in progress voice	partner shall provide any splitters used in a Line Splitting
		V N AIG (LIN C. (LIN A) ATRITICATION	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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		connection in the low frequency spectrum and must automatically	configuration. Verizon will provide to AT
		restore any circuits tested in intervals comparable to MLT.	the parties as described and developed by Collaborative in the State of New York, N
		1.7.3 Regardless of where the splitter is deployed, Verizon may, at	consistent with such implementation sche
İ		its own expense, deploy its own test head(s). Verizon may conduct	guidelines established by the Collaborativ
		tests of the loop facility using a Verizon-provided test head, provided	jurisdictional and OSS differences. Verize
		that such testing may not interrupt an in-progress communications in	effort to have such offerings and procedu
		the HFS (for either Line Sharing or Line Splitting) or the low	time as in New York, but no later than the
Ì		frequency spectrum in the case of Line Splitting. Furthermore, the	Agreement. Verizon shall make Line Spli
		testing performed by Verizon must automatically restore any circuits	the rates and charges set forth in Exhibit
		tested in intervals comparable to MLT. Upon request, Verizon will	elements and/or components. Such rates
		provide results of such testing to AT&T during normal trouble	among others, those set forth in Section 1
		isolation procedures in accordance with reasonable procedures.	those rates and charges for unhundled sm
		1.7.4 Unless otherwise mutually agreed, for both Line Sharing and	
		Line Splitting, Verizon shall permit AT&T to log and track trouble	For copper/fiber mix loops:
		tickets; execute MLT tests; and receive the results of such testing using	
		the interface established for UNE-P customer configurations. The	11.2.14 <u>Sub-Loop</u>
į.		Parties will establish and implement mutually agreeable procedures	
		to support maintenance and repair in this manner within 30 days of	To the extent required by Applic
		the Effective Date of this Agreement after which either Party may opt	provide access to the unbundled Sub-Loc
		to submit unresolved issues to Dispute Resolution as provided in	
		Section 28.11 of this Agreement.	11.2.14.1 The unbundled Sub-Lo.
			forth in FCC Rule 51.319(a)(2), is any pe
		1.7.5 The Parties will continue to work cooperatively on testing	technically feasible to access at terminal
		procedures. To this end, in situations where AT&T has attempted to	including inside wire as defined in FCC
		use one or more of the foregoing testing options but is still unable to	accessible terminal is any point on the lo
		resolve the error or trouble on the loop facility, Verizon and AT&T	access the wire or fiber within the cable case to reach the wire or fiber within ("A
		will each dispatch a technician to an agreed-upon point at the Main	case to reach the wire of fiber within ()
		Distribution Frame (or in exceptional cases to an agreed upon site in the field) to conduct a joint meet test to identify and resolve the error	11.2.14.2 Such Accessible Termi.
			are not limited to, the pole or pedestal, the
		or trouble. Verizon may assess a charge for a misdirected dispatch only if the error or trouble is determined to be one that AT&T should	the minimum point of entry, the single po
ļ		reasonably have been able to isolate and diagnose through one of the	main distribution frame, the remote term
		testing options available to AT&T above. The Parties will mutually	such remote terminal), and the feeder/dis
		agree upon the specific procedures for conducting joint meet tests,	Accessible Terminal Point at a remote ter
		including but not limited to, specification of how a joint meet will be	terminal equipment enclosure which incl
		increasing our not initial to, specification of non a form met will be	ici ilia equipment enerosare union men

IT&T any service agreed to by by the ongoing DSL NY PSC Case 00-C-0127 hedules, terms, conditions and tive, allowing for local izon will make a good faith dures available at the same he Effective Date of this plitting available to AT&T at oit A for the applicable es and charges may include, 111.2.17.1 hereof, as well as switching, loops and transport.

licable Law, Verizon shall oop Network Element.

.oop network element, as set portion of the loop that is als in Verizon's outside plant, CRule 51.319(a)(2)(i). An loop where technicians can e without removing a splice "Accessible Terminal Point").

ninal Points may include, but the network interface device, point of interconnection, the minal (if the FDI is located in listribution interface. The terminal may be the remote terminal equipment enclosure which includes controlled environment vaults, huts, cabinets and remote terminals in leased space in buildings not owned by Verizon.

coordinated and the consequences for either party's failure to

dispatch in a timely manner. In addition, the Parties shall establish

testing procedures; including test access, compatible with the terms

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		and conditions herein, to address offices where POT bays are not	11.2.14.3 [Intentionally Omitted]
		required by Verizon. The Parties will establish and implement	
		mutually agreeable procedures within 30 days of the Effective Date of	11.2.14.4 [Intentionally Omitted]
Į.		this Agreement after which either Party may opt to submit unresolved	
		issues to Dispute Resolution as provided in Section 28.11 of this	11.2.14.5 Sub-Loop Element - Components and Functionality
		Agreement.	
			11.2.14.5.1 The Sub-Loop Network Element shall include the
		1.8 Verizon and AT&T shall each be responsible to	following facilities:
		educate their retail Customers, as applicable under Line Sharing and Line	
		Splitting, regarding which carrier should be called when a Customer	a) Sub-Loop Distribution facility, as defined
		experiences problems with its service offerings. For Line Sharing, Verizon will	in Section 11.2.14.6
		retain primary responsibility for receipt of voice (low frequency) band trouble	
		tickets and repair of analog voice grade services, including the physical line	(h) Feeder Sub-Loop, as defined in Section
		hetween the demarcation point at the Customer's premises and the AT&T	11.2.14.7
		collocation in a Line Sharing arrangement. Verizon shall refer all other	
		customer requests for repair or maintenance as directed by AT&T. For Line	11.2.14.6 Unbundled Sub-Loop Distribution ("Sub-Loop
		Splitting, AT&T will have primary responsibility for receipt of all trouble	Distribution") Facility
		tickets from the retail Customer. Verizon will be responsible for maintaining	
		and repairing all unbundled elements provided to AT&T and for assuring they	11.2.14.6.1 Subject to the conditions set forth in Section 11.7
1		operate in an integrated combination. Each Party will be responsible for	and upon request, Verizon shall provide AT&T with access to a Sub-
		maintaining its own equipment. Before either Party initiates any activity on a	Loop Distribution facility (as such term is hereinafter defined) in
		loop facility that may cause a disruption of retail service of the other Party, the	accordance with, and subject to, the terms and provisions of this
		initiating Party shall first make a good faith effort to notify the other Party of	Section 11.2.14. A "Sub-Loop Distribution" facility means a two-
		the possibility of a service disruption. Verizon and AT&T will work together to	wire or four-wire (two (2) pairs) metallic distribution facility in
		address Customer initiated repair requests and to prevent adverse impacts to the retail customer.	Verizon's network between a Verizon feeder distribution interface (an
		the retail customer.	"FDI") and the rate demarcation point for such facility (or network
		1.8.1 When Verizon provides Inside	interface device ("NID") if the NID is located at such Rate
		Wire maintenance services to the retail Customer, Verizon will only	Demarcation Point). Notwithstanding anything else set forth in this
		be responsible for testing and repairing the Inside Wire as provided in	Agreement, Verizon shall provide AT&T with access to a Sub-Loop
		its service agreement with the retail Customer. Verizon will not test,	Distribution facility in accordance with, but only to the extent
		dispatch a technician, repair, or upgrade Inside Wire to clear trouble	required by, Applicable Law.
		ealls associated with services AT&T may provide in the high	1121462
		frequency portion of a shared loop unless requested by the retail	11.2.14.6.2 AT&T may request that Verizon reactivate (if
		Customer and such work is encompassed in the Verizon-provided	available) an unused drop and NID, install a new drop and NID if no
		Inside Wire maintenance services. Verizon will not repair any CPE	drop and NID are available or provide AT&T with access to a drop
		equipment provided by AT&T. Before AT&T submits a trouble ticket	and NID that, at the time of AT&T's request, Verizon is using to
		to Verizon, AT&T will make a good faith effort to determine whether	provide service to a Customer. New drops will be installed in
		the retail Customer's trouble is caused by equipment or facilities	accordance with Verizon's standard procedures. In some cases, this
		The retain Customer's trouble is cuits early equipment of juctimes	may result in AT&T being responsible for the cost of installing the

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13346 110.	Statement of Issue	provided by AT&T.	drop.
1		provided by meeting	
ļ		1.8.2— In the case of a trouble reported	11.2.14.6.3 AT&T may obtain access to a Sub-Loop
		by the retail Customer relating to local voice service provided by	Distribution facility only at an FDI and only from a
		Verizon as part of a Line Sharing arrangement, if Verizon determines	Telecommunications Carrier outside plant interconnection cabinet (a
ĺ		the reported trouble arises from services provided by AT&T in the	"TOPIC") or, if AT&T is collocated at a remote terminal equipment
		high frequency portion of the shared loop, Verizon will:	enclosure and the FDI for such Sub-Loop Distribution facility is
			located in such terminal, from the collocation arrangement of AT&T
		1.8.2.1 Notify AT&T and request that AT&T test its service	at such terminal. To obtain access to a Sub-Loop Distribution
		configuration.	facility, AT&T shall install a TOPIC on an easement or Right of Way
			obtained by AT&T within 100 feet of the Verizon FDI to which such
		1.8.2.2 If the Verizon service in the low frequency portion of the	Sub-Loop Distribution facility is connected. A TOPIC must comply
i		shared loop is so degraded that the retail customer cannot originate or receive	with applicable industry standards. Subject to the terms of applicable
		POTS calls, and AT&T has not tested its services in the high frequency portion	Verizon easements, Verizon shall furnish and place an
		of the loop within 6 hours or such other reasonable time frame as the Parties	interconnecting cable between a Verizon FDI and an AT&T TOPIC
		may agree, Verizon may take steps to temporarily restore the retail service	and Verizon shall install a termination block within such TOPIC.
		Verizon provides in the low frequency portion of the loop by removing the	Verizon shall retain title to and maintain the interconnecting cable.
		appropriate splitter card, if the splitter is located in common collocation space.	Verizon shall not be responsible for building, maintaining or
		A Trouble Isolation Charge (TIC) will apply unless the splitter card removal	servicing the TOPIC and shall not provide any power that might be
		does not substantially improve the service quality in the low frequency portion	required by AT&T for any electronics in the TOPIC. AT&T shall
		of the loop. If the splitter removal does not result in a material improvement in	provide any easement, Right of Way or trenching or other supporting
		the quality of service in the low frequency portion of the loop, the splitter will	structure required for any portion of an interconnecting cable that
		immediately be re-inserted and no TIC applies. For splitters deployed in	runs beyond a Verizon easement.
		AT&T collocation, Verizon may request that AT&T disable its services in the	11.2.14.6.4 AT&T may request from Verizon by submitting a
		high frequency portion of the shared loop. Upon disabling of the service by AT&T, Verizon will immediately report if the degradation of the service in the	11.2.14.6.4 AT&T may request from Verizon by submitting a loop make-up engineering query to Verizon, and Verizon shall
		low frequency portion was resolved by the action. If the degradation is not	provide to AT&T, the following information regarding a Sub-Loop
		resolved, then AT&T may re-establish service at its own discretion.	Distribution facility that serves an identified Customer: the Sub-Loop
		resolved, men itt et may re-establish service at its own discretion.	Distribution's length and gauge, whether the Sub-Loop Distribution
		1.8.2.3 - If interruption of the services in the high frequency portion	has loading and bridged tap, the amount of bridged tap (if any) on the
		resolves the degradation of service in the low frequency portion of the shared	Sub-Loop Distribution facility and the location of the FDI to which
		loop, upon notification from AT&T that any malfunction relating to AT&T's	the Sub-Loop Distribution facility is connected.
		service has been cleared, Verizon will restore the splitter on the retail	
'		customer's Loop within 6 hours in cases where AT&T has deployed the splitter	11.2.14.6.5 To order access to a Sub-Loop Distribution facility,
		in common collocation space or Verizon has deployed the splitter for AT&T.	AT&T must first request that Verizon connect the Verizon FDI to
		4 4	which the Sub-Loop Distribution facility is connected to an AT&T
		1.8.2.4 Verizon shall not be liable for damages of any kind for	TOPIC. To make such a request, AT&T must submit to Verizon an
		temporary disruptions to AT&T's service that are the result of the	application (a "Sub-Loop Distribution Facility Interconnection
		above steps taken in good faith to restore the end user's service in the	Application") that identifies the FDI at which AT&T wishes to access
		low frequency portion of the loop, and the indemnification provisions	the Sub-Loop Distribution facility. A Sub-Loop Distribution Facility
VEV WHEE	RE DISTINCTION AMONG PETITIONERS IS NECESSARY: N		<u> </u>

Issue No.	Statemei t of Issue	Petitioners' Proposed Contract Language	Verizon's Proposed Contract Language
		set forth in Section 24 shall control in such instances.	Interconnection Application shall state the location of the TOPIC, the
			size of the interconnecting cable and a description of the cable's
		1.3.8 A Trouble Isolation Charge (TIC) will not apply	supporting structure. A Sub-Loop Distribution Facility
1		unless the removal of the advanced service from a line sharing configuration	Interconnection Application shall also include a five-year forecast of
		substantially improves the service quality in the low frequency portion of the	AT&T's demand for access to Sub-Loop Distribution facilities at the
		loop. If removal of the advanced service capability from the line sharing	requested FDI. AT&T must submit the application fee as determined
		configuration does not result in a material improvement in the quality of	by Verizon (a "Sub-Loop Distribution Application Fee") with a Sub-
		service in the low frequency portion of the loop. Verizon shall immediately re-	Loop Distribution Facility Interconnection Application. AT&T must
		establish the advanced service capability and no TIC shall apply.	submit Sub-Loop Distribution Facility Interconnection Applications
			to:
		1.9 Verizon shall establish wholesale billing	
		procedures and deliver usage records for Line Splitting arrangements that	
		employ the UNE P platform that provide parity support to the support provided	USLA Project Manager
		when Verizon is engaged in Line Sharing either with its own retail operations,	Verizon
		an affiliate of Verizon or non-affiliate. Unless specifically provided below or	Room 509
		otherwise agreed by AT&T, wholesale billing and usage records procedures	125 High Street
		shall use the same operational procedures and interfaces used for a UNE P	Boston, MA 02110
		configuration that does not provide service in the HFS. In particular, but	E-Mail:
		without limitation, all usage records and invoicing for UNEs provided by	Collocation.applications/a BellAtlantic.com
		Verizon in support of Line Splitting shall conform to those used for UNE-P	
1		except as specifically agreed to in writing by AT&T.	11.2.14.6.6 Within sixty (60) days after it receives a complete
			Sub-Loop Distribution Facility Interconnection Application for access
1		1.10 Independent of any other tracking	to a Sub-Loop Distribution Facility and the Sub-Loop Distribution
İ		obligation established in this Agreement or by any regulatory body, Verizon	Application Fee for such application, Verizon shall provide to AT&T
-		shall track its performance in support of Line Splitting by AT&T and provide	a work order that describes the work that Verizon must perform to
1		the performance results for the following metrics on a monthly basis. Such	provide such access (a "Sub-Loop Distribution Work Order") and a
		reports shall separately state the performance results for AT&T and Verizon's	statement of the cost of such work (a "Sub-Loop Distribution
		support for Line Sharing when (a) its retail operation is providing service in	Interconnection Cost Statement").
		the loop HFS, (b) an affiliate of Verizon is providing service in the loop HFS,	
		and (c) a non-affiliated entity is providing service in the loop HFS:	11.2.14.6.7 AT&T shall pay to Verizon fifty percent (50%) of
			the cost set forth in a Sub-Loop Distribution Interconnection Cost
		1:10.1 Retail Customer voice service interruption interval when	Statement within sixty (60) days of AT&T's receipt of such statement
		service in the HFS is added to lines with operating voice service,	and the associated Sub-Loop Distribution Work Order, and Verizon
		separately reported for configurations where the splitter is in common	shall not be obligated to perform any of the work set forth in such
		collocation and where the splitter is in CLEC collocation,	order until Verizon has received such payment. A Sub-Loop
			Distribution Interconnection Application shall be deemed to have
		1.10.2 Trouble report rate for the voice service within 30 days of	been withdrawn if AT&T breaches its payment obligation under this
		adding service in the HFS,	Section 11.2.14.6.7. Upon Verizon's completion of the work that
			Verizon must perform to provide AT&T with access to a Sub-Loop
			Distribution facility, Verizon shall bill AT&T, and AT&T shall pay to

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1	1.10.3 Trouble report rate,	Verizon, the balance of the cost set forth in the Sub-Loop Distribution Interconnection Cost Statement for such access.
	1.10.4 Mean time to repair,	,
	1.10.5 Repeat trouble reports within 30 days,	11.2.14.6.8 After Verizon has completed the installation of the interconnecting cable to an AT&T TOPIC and AT&T has paid the full cost of such installation, AT&T can request the cross connection of a
	1.10.6 % of initially confirmed due dates met,	Verizon Sub-Loop Distribution facility to the AT&T TOPIC. At the same time, AT&T shall advise Verizon of the services that AT&T
	1.10.7. Average FOC interval, and	plans to provide over the Sub-Loop Distribution facility, request any conditioning of the Sub-Loop Distribution facility and assign the
	1.10.8. Average provisioning interval.	pairs in the interconnecting cable. AT&T shall run any crosswires within the TOPIC.
	1.44 Verizon also agrees to provide the following support and permit the following operational activities that may be required in order to operationalize Line Splitting:	11.2.14.6.9 If AT&T requests that Verizon reactivate an unused drop and NID, then AT&T shall provide dial tone (or its DSL equivalent) on the AT&T side of the applicable Verizon FDI at least
	1.44.1 Verizon will not require that AT&T connect the unbundled Loop element and the unbundled local switching element in collocation, except in those instances where the splitter necessary to separate the low and high frequency spectra is located in AT&T's collocation space.	twenty four (24) hours before the due date. On the due date, a Verizon technician will run the appropriate cross connection to connect the Verizon Sub-Loop Distribution facility to the AT&T dial tone or equivalent from the TOPIC. If AT&T requests that Verizon install a new drop and NID, then AT&T shall provide dial tone (or its DSL equivalent) on the AT&T side of the applicable Verizon FDI at
	1.44.2 Verizon will permit provide collocation-to-collocation connections between AT&T and other carriers' collocation space, regardless of the carrier owning the collocation, provided only that the two collocation sites are in the same Verizon Central Office building. AT&T shall have the option to request that Verizon provide	least twenty four (24) hours before the due date. On the due date, a Verizon technician shall run the appropriate cross connection of the facilities being reused at the Verizon FDI and shall install a new drop and NID. If AT&T requests that Verizon provide AT&T with access to a Sub-Loop Distribution facility that, at the time of AT&T's
	the cross-connecting facility or to provide and install the facility itself. Such cross-connecting facilities may either be copper or fiber, at AT&T's choice, and Verizon shall not require the use of equipment or additional cross-connection points between the two collocation locations except those that may be necessary to assure proper operation of the connection.	request, Verizon is using to provide service to a Customer, then, after AT&T has looped two interconnecting pairs through the TOPIC and at least twenty four (24) hours before the due date, a Verizon technician shall crosswire the dial tone from the Verizon central office through the Verizon side of the TOPIC and back out again to the Verizon FDI and Verizon Sub-Loop Distribution facility using the "loop through" approach. On the due date, AT&T shall disconnect
	1.4.2.1 AT&T will order cross-connects pursuant to section 201 only when it has reason to believe that such facilities will carry at least 10% interstate traffic. Verizon may not dispute this certification and must provision the request promptly. If Verizon believes the certification is inaccurate, it shall present its written rationale supporting its dispute	Verizon's dial tone, crosswire its dial tone to the Sub-Loop Distribution facility and submit AT&T's long-term number portability request. 11.2.14.6.10 Verizon shall not provide access to a Sub-Loop Distribution facility if Verizon is using the loop of which the Sub-

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		to AT&T. If the parties fail to reach mutual agreement regarding the nature of the traffic and the disposition of the facility within sixty (60) days of such submission. Verizon may file a complaint with the FCC pursuant to section 208 of the Act. 1.44.3 Without prejudging AT&T's right to collocate for circuit	Loop Distribution facility is a part to provide line sharing service to another CLEC or a service that uses derived channel technology to a Customer unless such other CLEC first terminates the Verizon-provided line sharing or such Customer first disconnects the service that utilizes derived channel technology.
		switching equipment. Verizon will permit and will not restrict AT&T's right to collocate equipment that performs packet switching or contains packet switching as one function of multi-function	11.2.14.6.11 Verizon shall provide AT&T with access to a Sub- Loop Distribution facility in accordance with negotiated intervals.
		equipment, provided only that the equipment conforms to the minimum NEBS safety and engineering standards applicable to other Verizon's own equipment. that may be collocated.	11.2.14.6.12 Verizon shall repair and maintain a Sub-Loop Distribution facility at the request of AT&T and subject to the time and material rates set forth in Exhibit A. AT&T accepts responsibility for initial trouble isolation for Sub-Loop Distribution facilities and
		1.4.3.1 If Verizon believes that equipment containing packet switching functionality also contains functionality that is not necessary for access to UNEs or interconnection and that the presence of such functionality might foreclose AT&T's right to	providing Verizon with appropriate dispatch information based on its test results. If (a) AT&T reports to Verizon a Customer trouble, (b) AT&T requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Verizon Sub-Loop Distribution
		collocate such equipment under the FCC's Rules, Verizon shall provide written notification to AT&T that it believes AT&T has deployed or plans to collocate equipment that is not allowed under those rules, stating the reasons for its contentions. If the Parties fail to reach mutual agreement within sixty (60) days of such submission.	facilities or equipment in whole or in part, then AT&T shall pay Verizon the charge set forth in Exhibit A for time associated with said dispatch. In addition, this charge also applies when the Customer contact as designated by AT&T is not available at the appointed time. If as the result of AT&T instructions, Verizon is erroneously
		Verizon may seek appropriate state and/or FCC intervention in the dispute. AT&T may continue to use and/or deploy the subject equipment until Verizon obtains a final and non-appealable ruling in its favor on the matter, and Verizon may not refuse to interconnect the	requested to dispatch to a site on Verizon company premises ("dispatch in"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon. If as the result of AT&T instructions, Verizon is erroneously requested to dispatch to a site
		disputed equipment to the Verizon network unless an expansion of an AT&T collocation space is required solely to permit placement of such equipment. In any such dispute, Verizon bears the burden of proof to show that the equipment at issue fails to comply with the	outside of Verizon company premises ("dispatch out"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon.
		FCC's rules.	11.2.14.6.13 Rates for Sub-Loop Distribution facilities shall be established in accordance with Section 11.11.1 of this Agreement.
		1.125 At AT&T's request, Verizon shall provide in Virginia the same functionality and operational support as is agreed to between the Parties in the collaborative sessions occurring in New York or that	11.2.14.6.14 To the extent required by Applicable Law, Verizon shall allow AT&T to collocate equipment in a Verizon remote
		between the Parties in the cottagorative sessions occurring in New Fork of that is directed by the New York State Public Service Commission with respect to the implementation of Line Sharing or Line Splitting. To the extent that AT&T makes such a request of Verizon in Virginia, unless AT&T specifically agrees	terminal equipment enclosure in accordance, with, and subject to, the rates, terms and conditions set forth in Section 13 of this Agreement.
		in writing, such functionality and support shall be implemented in Virginia contemporaneously with that implemented in New York, and the	11.2.14.7 <u>Feeder Sub-Loop</u>

	Statement of Leave	Datistan A Dunand Contract Language	Verice la Description (1)
Issue No.	Stateme it of Issue	Petitioners' Proposed Contract Language	Verizon's Proposed Contract Language
		implementation of such functionality and operational support shall be identical	11.2.14.7.1 Subject to the conditions set forth in Section 11.7
Ì		to that in New York, including their impacts on AT&T's internal operations and OSS interfaces.—Except us expressly provided in this agreement, Verizon-	and upon request, Verizon shall provide AT&T with access to a Feeder Sub-Loop (as such term is hereinafter defined) in accordance
		VA shall support line sharing and line splitting with operational capabilities	with, and subject to, the terms and provisions of this Section 11.2.14.
		within Virginia in the manner established through the New York DSL Process.	A Feeder Sub-Loop means a DS1- or DS3- transmission path over a
		Verizon's delivery of support for line sharing and line splitting shall be	feeder facility in Verizon's network between a Verizon end office and
		monitored in the same manner as in New York, using the performance	either a Verizon remote terminal equipment enclosure (an "RTEE")
		measurements and performance standards agreed to in the New York Carrier	that subtends such end office or a TOPIC (as such term is hereinafte,
{		Working Group and those resolved by order of the New York Public Service	defined) located within 100 feet of a Verizon feeder distribution
		Commission in the absence of such agreement. In the event that Verizon	interface (such an interface, an "FDI") that subtends the end office
		delivers operational support to itself or an affiliate that is superior to that	and that AT&T has established in accordance with, and subject to the
		specified as the performance standard for line sharing and line splitting as	terms and provisions of, an agreement between Verizon and AT&T
		provided in the New York Carrier Working Group, then such performance	that governs the establishment of such T()PIC.
		shall serve as the standard in lieu of any absolute performance standards.	
		, , , , , , , , , , , , , , , , , , ,	11.2.14.7.2 AT&T may obtain access to a Feeder Sub-Loop
		1.5.1 Except as expressly provided in this agreement, all	only from an AT&T collocation arrangement in the Verizon end offic
		outputs other than rates from the New York DSL Process ("New York	where such Feeder Sub-Loop originates and Verizon shall terminate
		Outputs") shall apply in Virginia, including published operating procedures,	a Feeder Sub-Loop in an RTEE that subtends such end office only if
		agreements (both industry-wide and between AT&T and Verizon), tariffs and	AT&T has a collocation arrangement in such RTEE. Upon AT&T's
		orders of the New York Public Service Commission, unless AT&T has expressly	request, Verizon will connect a Feeder Sub-Loop to an AT&T
		agreed otherwise, or unless the Virginia State Corporation Commission has	collocation arrangement in the Verizon end office where the Feeder
		issued an order applying Federal law that specifically directs that different	Sub-Loop originates and to either an AT&T collocation arrangemen
		rules or processes should apply.	in the Verizon RTEE that subtends such end office or an AT&T
			Telecommunications Carrier outside plant interconnection cabinet
		1.5.2 Unless otherwise mutually agreed by the parties, the	(such a cabinet, a "TOPIC") located within 100 feet of the FDI that
		operational interfaces and standards governing those interfaces with which	subtends the end office and that AT&T has established in accordance
		AT&T must comply, including but not limited to the form, format and the	with, and subject to the terms and provisions of, an agreement
		required/optional nature of information that must be exchanged, shall not vary	between Verizon and AT&T that governs the establishment of such
		in any material manner between New York and Virginia. In the event of a	TOPIC. Verizon shall connect a Feeder Sub-Loop to the point of
		dispute, Verizon shall have the burden of proving that any proposed variations	termination bay of an AT&T collocation arrangement and to an AT&T TOPIC by installing appropriate cross connections and
		are not material.	Verizon shall be solely responsible for installing such cross
			connections. AT&T may obtain access to a Feeder Sub-Loop betwee
		15.2 Within things (20) Anny of many or all of this	an end office and an RTEE or a TOPIC only if DS1- or DS3-capable
		1.5.3 Within thirty (30) days of approval of this Agreement. Verizon shall identify and provide to AT&T copies of all	transmission facilities are available and not in use between such
		documentation defining the operational procedures employed in New York that	office and RTEE or TOPIC. If a DSI- or DS3-capable transmission
		AT&T must follow and that Verizon will support when AT&T seeks to engage	facility is not available between an end office and an RTEE or TOPK
.		in line sharing or line splitting. Subsequent expansion or modification of	or if such a facility is available but is in use between such office and
• 1		operational documentation shall be handled according to procedures in	RTEE or TOPIC, then Verizon shall construct such a facility upon
1		operational documentation shall be natured according to procedures in	request by AT&T and subject to Venizon's special assessment in terms

subsections 3.1 and 3.2 below, to assure that the operating procedures

request by AT&T and subject to Verizon's special construction terms,

Issue No.	Statement of Issue	Petitioners' Proposed Contract Language	Verizon's Proposed Contract Language
		established by the New York DSL Process are accurately reflected.	conditions and rates. A location must be fed by fiber to be eligible for
			a DS3 Unbundled Feeder Sub-loop Element (UFSE) services. Fiber
		1.5.3.1 AT&T will review the documentation supplied by Verizon	Optic facilities will not be constructed to deliver a UFSE service.
		and identify all areas where it believes (i) further clarification is required, (ii)	
		the documentation is incomplete or (iii) the documentation does not accurately	11.2.14.7.3 AT&T shall run any crosswires within an AT&T
		reflect AT&T's understanding of the agreements reached or orders issued in	physical collocation arrangement and an AT&T TOPIC and AT&T
		connection with the New York DSL Process. Verizon shall respond to AT&T	will have sole responsibility for identifying to Verizon where a Feeder
		within ten (10) days, with a written proposal for disposing of the issues raised.	Sub-Loop should be connected to an AT&T collocation arrangement.
		1532 164	AT&T shall be solely responsible for providing power and space for
		1.5.3.2 If the parties cannot reach agreement regarding	any cross connects and other equipment that Verizon installs in a
		modifications to the applicable documentation or the timing of changes to the documentation, as proposed by Verizon, either party may submit open issues to	TOPIC, and AT&T shall not bill Verizon, and Verizon shall not pay AT&T, for providing such power and space.
		the Dispute Resolution process as specified in Section 28.11 of this agreement	AT&1, for providing such power and space.
		upon ten (10) days notice to the other party of its intent to do so.	11.2.14.7.4 Verizon shall not be obligated to provide to AT&T
		apon ten (10) days minee to the other party ty as ment to do so.	any multiplexing at an RTEE or at a TOPIC or to combine a Feeder
		1.5.4 Either party may request modification, clarification or	Sub-Loop with a Distribution Sub-Loop. If AT&T requests access to
1		expansion of any existing operational documentation. In such cases, the	a Feeder Sub-Loop and a Distribution Sub-Loop that are already
		requesting party shall propose the change or make the request in writing after	combined, such combination shall be deemed to be a loop and
		which the provisions of Section 1.5.3 above shall apply.	Verizon shall provide such loop to AT&T in accordance with, but only
			to the extent required by, the terms, provisions and rates in the
		1.5.5 In the event of a conflict, operational detail set forth in	Interconnection Agreement that govern loops, if any.
1		agreed upon process documentation shall prevail over material produced	
1		solely by Verizon, including but not limited to Verizon handbooks or material	11.2.14.7.5 Verizon shall provide AT&T with access to a
		on a Verizon web site.	Feeder Sub-Loop in accordance with negotiated intervals.
		1.5.6 New York Outputs shall generally be implemented in	11.2.14.7.6 Verizon shall repair and maintain a Feeder Sub-
		Virginia contemporaneously with their implementation in New York. In no	Loop at the request of AT&T and subject to the time and material
		event shall Verizon-VA's implementation of such outputs take longer than	rates set forth in Exhibit A. AT&T may not rearrange, disconnect,
		thirty (30) days from the New York implementation date, unless AT&T agrees	remove or attempt to repair or maintain any Verizon equipment or
		to such an extension or unless Verizon-VA has applied for and received	facilities without the prior written consent of Verizon. AT&T accepts
		permission from the Virginia State Corporation Commission to employ a	responsibility for initial trouble isolation for Feeder Sub-Loops and
		different schedule or to deploy different functionality. In such cases, Verizon-	providing Verizon with appropriate dispatch information based on its
[VA shall provide AT&T with notice of its intention to seek an extension from	test results. If (a) AT&T reports to Verizon a trouble, (b) AT&T
		the Virginia State Corporation Commission at the same time it files its request	requests a dispatch, (c) Verizon dispatches a technician, and (d) such
		with the Commission.	trouble was not caused by Feeder Sub-Loop facilities or equipment in
			whole or in part, then AT&T shall pay Verizon the charge set forth in
		1.5.7 Either party may petition the Virginia State	Exhibit A for time associated with said dispatch. In addition, this
		Corporation Commission to delay or modify implementation of obligations	charge also applies when an AT&T contact as designated by AT&T is
		established through the New York DSL Process. The petitioning party shall be	not available at the appointed time. If as the result of AT&T
ı		vesponsible for demonstrating why conditions vary between Virginia and New	instructions Verizon is erroneously requested to dispatch to a site on

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		York, such that delayed or modified implementation is justified in Virginia, and	Verizon compan
		there will be a strong presumption that such differences do not exist. For	Exhibit A will be
		obligations established prior to the effective date of this agreement, any such	the result of AT
		petition shall be filed within thirty (30) days of the effective date hereof. For	dispatch to a sit
		obligations established after the effective date of this agreement, any such	out"), a charge
		request shall be filed within thirty (30) days of the agreement or ruling in New	to AT&T by Ver
1		York that establishes such obligation.	
			11.2.14.7.7
		1.5.8 If a New York Output is not practically available in	accordance with
į.		New York within the time frame specified in New York, AT&T may seek	
		expedited implementation within Virginia through use of the Alternative	i
		Dispute Resolution process described in Section 28.11. If no specific and	Collocation req
1		binding timeframe for implementation is specified for an output of the New	
		York Output, AT&T may seek implementation of that output pursuant to a	13.0 COLL
		specific time line for Virginia through application of the Alternative Dispute	
		Resolution process.	13.1 To the
			provide Colloca
		1.5.9 If the New York DSL Collaborative is operating at	Interconnection
		the time, all requests for modifications to or expansion of Verizon-VA's	unbundled Net
		operational support for line sharing or line splitting capabilities shall first be	mutually agree
1		submitted to the appropriate body in the collaborative process in New York	be provided pu
		unless the parties have mutually agreed to implement the change for Virginia.	as amended fro
		1.5.9.1 If the New York DSL Collaborative fails to resolve	13.2 [Inten
		such a request within six months of the initial request, the proponent may seek	1
!		adoption of the request in Virginia through the Alternative Dispute Resolution	13.3 In the
		Process. The proponent of the change shall be responsible for demonstrating	shall:
ļ		that the request should be adopted in Virginia, and there shall be a strong	
1		presumption that modifications not addressed though the New York DSL	
		Collaborative process should not be made in Virginia.	assigned to the
		1.5.10 If the New York DSL Collaborative process is no	
		longer operating, or is no longer considering modifications to Verizon's DSL	tasks" timeline
1		obligations, then the proponent of a change in Virginia shall first seek to	is to be perform
		negotiate the desired change with the other party. If the parties are unable to	is to be perjorn
		reach agreement within thirty (30) days of the initial request, either party may	
[seek resolution of open issues through the Alternative Dispute Resolution	engineering re
1		process. The proponent of the change shall be responsible for demonstrating	engineering red
ţ		that the request should be adopted in Virginia, but there shall be no	13.4 AT&T
1		presumption regarding the reasonableness of making the change for Virginia	13.4 AIXI
LEV WHERE	DISTINCTION AMONG BETTTONEDS IS NECESS	ARY: WorldCom (bold); Cox (underline text); AT&T (italic).	<u> </u>

any premises ("dispatch in"), a charge set forth in be assessed per occurrence to AT&T by Verizon. If as IT&T instructions, Verizon is erroneously requested to site outside of Verizon company premises ("dispatch ge set forth in Exhibit A will be assessed per occurrence

Rates for Feeder Sub-Loop shall be established in ith Section 11.11.1 of this Agreement.

equired for Advanced Services

- LLOCATION -- SECTION 251(c)(6)
- he extent required by Applicable Law, Verizon shall cation for the purpose of facilitating AT&T's on with facilities or services of Verizon or access to twork Elements of Verizon, except as otherwise red to in writing by the Parties. Such Collocation shall ursuant to Verizon's applicable federal and state Tariffs rom time to time.

entionally omitted]

- e course of implementing a Collocation project, Verizon
- (a) identify the Collocation project manager ie project;
- develop a written comprehensive "critical ne detailing the work (and relative sequence thereof) that rmed by each Party or jointly by both Parties; and
- (c) provide AT&T with the relevant equirements.
- T shall purchase Cross Connection to Verizon services

Issue No.	Statement of Issue	Petitioners' Proposed Contract Language	Verizon's Proposed Contract Language
15500 110.	Statemen tor 13940	only.	or facilities as described in Verizon's applicable Tariffs.
		1.5.11 If a tariff, operating procedure or other applicable documentation is withdrawn in New York, and no appropriate alternative document is identified to take its place, then the most recent version of the publicly available New York documentation that existed prior to the withdrawal in New York shall continue to govern operations in Virginia until replacement material is agreed upon by AT&T or ordered by the Virginia State Corporation Commission.	13.5 AT&T agrees to provide to Verizon, upon Verizon's request, Collocation of equipment for purposes of Interconnection (pursuant to Section 4) and Cross Connection on non-discriminatory rates, terms and conditions. 13.6 Verizon shall allow AT&T to collocate equipment in a Verizon remote terminal equipment enclosure in accordance with, and subject to, the rates, terms and conditions set forth in applicable Verizon tariffs, as amended from time to time, and Verizon shall do so regardless of whether or not such rates, terms and conditions are effective. Notwithstanding anything else set forth in this Agreement, Verizon shall allow AT&T to collocate equipment in a Verizon remote terminal equipment enclosure in accordance with, but only to the extent required by, Applicable Law.
			Loop Qualification:
			11.2.12 "Digital Designed Loops" are comprised of designed loops that meet specific AT&T requirements for metallic loops over 18k ft or for conditioning of ADSL, HDSL, IDSL, SDSL or BRI ISDN (Premium) Loops. "Digital Designed Loops" may include requests for:
			A) a 2W Digital Designed Metallic Loop with a total loop length of 18k to 30k ft., unloaded, with bridged tap(s) removed, at AT&T's option;
			B) a 2W ADSL Loop of 12k to 18k ft. with bridged tap(s) removed, at AT&T's option;
			C) a 2W ADSL Loop of less than 12k ft. with bridged tap(s) removed, at AT&T's option;
			D) a 2W HDSL Loop of less than 12k ft. with hridged tap(s) removed, at AT&T's option;
			E) a 4W HDSL Loop of less than 12k ft with bridged

Issue No.	Statemer t of Issue	Petitioners' Proposed Contract Language	Verizon's Proposed Contract Language
			tap(s) removed, at AT&T's option;
			F) a 2W Digital Designed Metallic Loop with Verizon- placed ISDN loop extension electronics;
	·	·	G) a 2W SDSL Loop with bridged tap(s) removed, at AT&T's option;
			H) a 2W IDSL Loop of less than 18k ft. with bridged tap(s) removed, at AT&T's option.
			Requests for repeaters for 2W and 4W HDSL Loops with lengths of 12k ft. or more shall be considered pursuant to the Network Element Bona Fide Request process set forth in Exhibit B.
			11.2.12.1 Verizon shall make Digital Designed Loops available to AT&T at the rates as set forth in Exhibit A.
			11.2.12.2 The following ordering procedures shall apply to the Digital Designed Loops (Section 11.2.9.2, Items A-H):
			A. AT&T shall place orders for Digital Designed Loops by delivering to Verizon a valid electronic transmittal service order or other mutually agreed upon type of service order. Such service order shall be provided in accordance with industry format and specifications or such format and specifications as may be agreed to by the Parties.
			B. Verizon is in the process of conducting a mechanized survey of existing Loop facilities, on a Central Office by Central Office basis, to identify those Loops that meet the applicable technical characteristics established by Verizon for compatibility with ADSL, HDSL, SDSL, IDSL and ISDN signals. The results of this
			mechanized survey will be stored in a mechanized database that is made available to AT&T on a non-discriminatory basis. AT&T may utilize this mechanized loop qualification database, where available, in advance of submitting a valid electronic transmittal service order
			for an ADSL, HDSL, SDSL, IDSL or ISDN Loop; provided, how AT&T shall request manual loop qualification or an Engineerin;

Issue No.	Statement of Issue	Petitioners' Proposed Contract Language	Verizon's Proposed Contract Language
[Query if the mechanized loop qualification database is not available
			or if AT&T chooses not to utilize such database. Charges for mechanized loop qualification information, Engineering Query, and
1			manual loop qualification are set forth in Exhibit A.
1 1			manual toop qualification are set forth in Exhibit A.
			C. If the Loop is not listed in the mechanized
			database described in section (B) above, AT&T must request either a
			manual loop qualification or Engineering Query prior to or in
			conjunction with submitting a valid electronic service order for an
			ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop. The rates for manual
			loop qualification and Engineering Query are set forth in Exhibit A.
1			If the Loop requires qualification manually or through an
			Engineering Query, three (3) business days (or a shorter period if
1			required under Applicable Law) following receipt of AT&T's valid and accurate request will be generally required before a FOC or a
]			query can be issued to AT&T with the Loop qualification results.
			Verizon may require additional time to complete the Engineering
			Query where there are poor record conditions, spikes in demand or
			other unforeseen events, unless such additional time is not permitted
			pursuant to an effective Commission order.
			D. If the query to the mechanized loop
1			qualification database or if the manual loop qualification indicates
			that a Loop does not qualify (e.g., because it does not meet the
			applicable technical parameters set forth in the Loop descriptions
			above), AT&T may request an Engineering Query to obtain more information regarding the characteristics of the loop itself. Subject to
1			the terms herein, including but not limited to Section 11.2.12.2(C)
1			above, Verizon will respond to an Engineering Query with
			information from Verizon cable records such as amount and location
			of bridged taps, number and location of load coils, location of digital
			loop carrier, or cable gauge at specific locations.
] [
			E. If AT&T submits a service order for an
			ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop that has not been
			prequalified as required in accordance with subsection 11.2.12.2(B)
			above, Verizon will query the service order back to AT&T for
			qualification and will not accept such service order until the Loop has
			been so prequalified (i.e. manual, mechanized, or engineering query). If AT&T submits a service order for an ADSL, HDSL, SDSL, IDSL or
L			ij AT&T submits a service order for an ADSL, HDSL, SDSL, IDSL or

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			BRI ISDN Loop that is, in fact, found not to be compatible with such services in its existing condition, Verizon will respond back to AT&T with a "Nonqualified" indicator and with information showing whether the non-qualified result is due to the presence of load coils, presence of digital loop carrier, or loop length (including bridged tap).
			F. Where AT&T has followed the manual or mechanized prequalification procedure described above resulting in the determination that a Loop is not compatible with ADSL, HDSL, SDSL, IDSL or BRI ISDN service in its existing condition (e.g., the results of the manual or mechanized prequalification query indicate that a Loop does not qualify due to factors such as the presence of load coils, presence of digital loop carrier, loop length (including bridged tap) or for any other reason that may be revealed through loop qualification), AT&T, together with its order or prior to submitting an order for service, may request an Engineering Query to determine whether conditioning may make the Loop compatible with the applicable service; or if AT&T is already aware of the conditioning required (e.g., where AT&T has previously requested a manual loop qualification or an Engineering Query), AT&T may submit a service order for a Digital Designed Loop. Verizon will undertake to condition or extend the Loop in accordance with this Section 11.2.9 upon receipt of AT&T's valid, accurate and prequalified service order for a Digital Designed Loop.
			11.2.12.3 The Parties will make reasonable efforts to coordinate their respective roles in order to minimize Digital Design Loop provisioning problems. In general, unless and until a shorter period is required under Applicable Law, where conditioning or loop extensions are requested by AT&T, an interval of eighteen (18) business days will be required by Verizon to complete the loop analysis and the necessary construction work involved in conditioning and/or extending the loop as follows:
			A. Three (3) business days will be required following receipt of AT&T's valid, accurate and pre-qualified service order for a Digital Designed Loop to analyze the loop and related plant records and to create an Engineering Work Order.

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	·		B. Upon completion of an Engineering Query, Verizon will initiate the construction order to perform the changes/modifications to the Loop requested by AT&T. Conditioning activities are, in most cases, able to be accomplished within fifteen (15) business days. Unforeseen conditions may add to this interval, unless such additional time is not permitted pursuant to Applicable Law.
			C. After the engineering and conditioning tasks have been completed, the standard Loop provisioning and installation process will be initiated, subject to Verizon's standard provisioning intervals.
			11.2.12.4 If AT&T requires a change in scheduling, it must contact Verizon to issue a supplement to the original service order. If AT&T cancels the request for conditioning after a loop analysis has been completed but prior to the commencement of construction work, AT&T shall compensate Verizon for an Engineering Work Order charge as set forth in Exhibit A. If AT&T cancels the request for conditioning after the loop analysis has been completed and after construction work has started or is complete, AT&T shall compensate Verizon for an Engineering Work Order charge as well as the charges associated with the conditioning tasks performed as set forth in Exhibit A.
111-10-1	The parties disagree about the degree of specificity appropriate to this contract language, especially language concerning loop qualification and line splitting migrations. Verizon believes such operational language is not needed in or appropriate for the interconnection agreement.	Resolved	Resolved
111-10-2	MCIm proposes a three busin ss day interval for Line Sharing, while Verizon proposes a six business day interval.	Resolved	Resolved
111-10-3	MCIm proposes that Verizon's Line Sharing and line splitting obligation apply to fiber fed Loops as well as copper Loops. Verizon proposes that these obligations be limited to copper loops.	Resolved	Resolved
111-10-4	MCIm proposes that when Verizon upgrades its network to provide DSL-based services out of remote terminals, it be given access to those remote facilities (or to Loops attached to	4.10. DSL Based Services Provided Out of Digital Loop Carrier Equipment. If and when Verizon upgrades its network to provide DSL-based services out of remote terminals, Verizon commits to provide access	Verizon's Provision of UNEs Subject to the conditions set forth in Section 1, in
L	those remote facilities) on the same terms and conditions as	to remote facilities and to Loops attached to those remote facilities on the	accordance with, but only to the extent required by,

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	Verizon has access or provide: access to its affiliates.	same terms and conditions as Verizon has access or provides access to its affiliates.	Applicable Law, Verizon shall provide **CLEC access to the following: 2.1 Loops, as set forth in Section 3;
			2.2 Line Sharing, as set forth in Section 4
111-10-5	MCIm proposes that Verizon commit to processes and procedures it has adopted in New York and Massachusetts, and has committed to adopt in Pennsylvania regarding Line Sharing and line splitting OSS, Line Sharing and line splitting processes, and in particular the migration of UNE-P customers to Line Sharing or line splitting arrangements.	Resolved	Resolved
111-10-6	MCIm is willing to negotiate v ith Verizon based on Verizon's proposed contract l: nguage set out in sections 3 and 4 of its addendum, "Loop Transmission Types," and "Line Sharing."	Resolved	Resolved
111-10-7	The parties also note that because of relevant pending FCC proceedings relevant to this isaue, the parties' dispute over appropriate "change of law" language is highly relevant to this issue.	Resolved	Resolved
III-10.A	Must Verizon implement both lire sharing and line splitting in a nondiscriminatory and commercially reasonable manner that allows AT&T to provide service. in the high frequency spectrum of an existing line on which Verizon provides voice service (line sharing) or on a loop facility provided to AT&T as a UNE-loop or as part of a UNE-P combination (line splitting)? (Pfau Direct at 113 - 116)	See AT&T Contract Language For III.10.	See Verizon's proposed contract language to AT&T for 111-10.
Ш-10-В	Must Verizon implement line spl tting in a nondiscriminatory and commercially reasonable manner that allows AT&T to provide services in the high frequency spectrum of an existing line on which Verizon provides voice se vice (line sharing) or on a loop facility provided to AT&T as a UNE-loop or as part of a UNE-P combination (line splitting)?	See AT&T Contract Language For 111.10.	See Verizon's proposed contract language to AT&T for III-10.
III-10.B.1	Must all aspects of the operational support delivered to AT&T in support of line sharing and line plitting arrangements with	See AT&T Contract Language For III.10.	See Verizon's proposed contract language to AT&T for 111-10.

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	Verizon [] be at no less than parity as compared to the support provided when Verizon engages in line sharing with its own retail operation, with an affiliated carrier, or with unaffiliated carriers in reasonably similar equipment configurations? (Pfau Direct at 119 – 122)		
III-10-B.2	Must Verizon immediately provi le AT&T with the procedures it proposes to implement line split.ing on a manual basis?	See AT&T Contract Language For 111.10.	See Verizon's proposed contract language to AT&T § 11.2.18.1 quoted at Issue III-10.
Ш-10-В.3	Must Verizon implement electro tic OSS, that are uniform with regards to carrier interface reqt irements, to implement line splitting contemporaneously wit tits implementation of such capabilities in New York, but in 10 event later than January 2002? (Pfau)	See AT&T Contract Language For III-10.	See Verizon's proposed contract language to AT&T for 111-10.
II-10-B.4	Must Verizon provide automatec' access to all loop qualification data to AT&T simultaneously with providing automated access to itself or any other carrier, including non-discriminatory treatment with regard to planning and implementation activities preceding delivery of the automated access?	See AT&T Contract Language For III.10.	11.2.12.2 The following ordering procedures shall apply to the Digital Designed Loops (Section 11.2.9.2, Items A-H): A. AT&T shall place orders for Digital Designed Loops by delivering to Verizon a valid electronic transmittal service order or other mutually agreed upon type of service order. Such service order shall be provided in accordance with industry format and specifications or such format and specifications as may be agreed to by the Parties. B. Verizon is in the process of conducting a mechanized survey of existing Loop facilities, on a Central Office by Central Office basis, to identify those Loops that meet the applicable technical characteristics established by Verizon for compatibility with ADSL, HDSL, SDSL, IDSL and ISDN signals. The results of this mechanized survey will be stored in a mechanized database that is made available to AT&T on a non-discriminatory basis. AT&T may utilize this mechanized loop qualification database, where available, in advance of submitting a valid electronic transmittal service order for an ADSL, HDSL, SDSL, IDSL or ISDN Loop; provided, however, AT&T shall request manual loop qualification or an Engineering Query if the mechanized loop qualification database is not available or if AT&T chooses not to utilize such database. Charges for mechanized loop qualification information, Engineering Query, and manual loop qualification are set forth in Exhibit A.

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ISSUE NO.	Statement to result	remoners Troposed Contract Language	database described in section (B) above, AT&T must request either a manual loop qualification or Engineering Query prior to or in conjunction with submitting a valid electronic service order for an ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop. The rates for manual loop qualification and Engineering Query are set forth in Exhibit A. If the Loop requires qualification manually or through an Engineering Query, three (3) business days (or a shorter period if required under Applicable Law) following receipt of AT&T's valid and accurate request will be generally required before a FOC or a query can be issued to AT&T with the Loop qualification results. Verizon may require additional time to complete the Engineering Query where there are poor record conditions, spikes in demand or other unforeseen events, unless such additional time is not permitted pursuant to an effective Commission order. D. If the query to the mechanized loop qualification database or if the manual loop qualification indicates that a Loop does not qualify (e.g., because it does not meet the applicable technical parameters set forth in the Loop descriptions above), AT&T may request an Engineering Query to obtain more information regarding the characteristics of the loop itself. Subject to the terms herein, including but not limited to Section 11.2.12.2(C) above, Verizon will respond to an Engineering Query with information from Verizon cable records such as amount and location of bridged taps, number and location of load coils, location of digital
			loop carrier, or cable gauge at specific locations. E. If AT&T submits a service order for an ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop that has not been prequalified as required in accordance with subsection 11.2.12.2(B) above, Verizon will query the service order back to AT&T for qualification and will not accept such service order until the Loop has been so prequalified (i.e. manual, mechanized, or engineering query). If AT&T submits a service order for an ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop that is, in fact, found not to be compatible with such services in its existing condition, Verizon will respond back to AT&T with a "Nonqualified" indicator and with information showing whether the non-qualified result is due to the presence of load coils, presence of digital loop carrier, or loop length (including bridged).

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			F. Where AT&T has followed the manual or mechanized prequalification procedure described above resulting in the determination that a Loop is not compatible with ADSL, HDSL, SDSL, IDSL or BRI ISDN service in its existing condition (e.g., the results of the manual or mechanized prequalification query indicate that a Loop does not qualify due to factors such as the presence of load coils, presence of digital loop carrier, loop length (including bridged tap) or for any other reason that may be revealed through loop qualification), AT&T, together with its order or prior to submitting an order for service, may request an Engineering Query to determine whether conditioning may make the Loop compatible with the applicable service; or if AT&T is already aware of the conditioning required (e.g., where AT&T has previously requested a manual loop qualification or an Engineering Query), AT&T may submit a service order for a Digital Designed Loop. Verizon will undertake to condition or extend the Loop in accordance with this Section 11.29 upon receipt of AT&T's valid, accurate and pre-
	·		qualified service order for a Digital Designed Loop. 11.2.12.3 The Parties will make reasonable efforts to coordinate their respective roles in order to minimize Digital Design Loop provisioning problems. In general, unless and until a shorter period is required under Applicable Law, where conditioning or loop extensions are requested by AT&T, an interval of eighteen (18) business days will be required by Verizon to complete the loop analysis and the necessary construction work involved in conditioning and/or extending the loop as follows: A. Three (3) business days will be required
			following receipt of AT&T's valid, accurate and pre-qualified service order for a Digital Designed Loop to analyze the loop and related plant records and to create an Engineering Work (Order. B. Upon completion of an Engineering Query, Verizon will initiate the construction order to perform the changes/modifications to the Loop requested by AT&T. Conditioning activities are, in most cases, able to be accomplished within fifteen (15) business days. Unforeseen conditions may add to this interval,

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			unless such additional time is not permitted pursuant to Applicable Law. C. After the engineering and conditioning tasks have been completed, the standard Loop provisioning and installation process will be initiated, subject to Verizon's standard provisioning intervals. 11.2.12.4 If AT&T requires a change in scheduling, it must
			contact Verizon to issue a supplement to the original service order. If AT&T cancels the request for conditioning after a loop analysis has been completed but prior to the commencement of construction work, AT&T shall compensate Verizon for an Engineering Work Order charge as set forth in Exhibit A. If AT&T cancels the request for conditioning after the loop analysis has been completed and after construction work has started or is complete, AT&T shall compensate Verizon for an Engineering Work Order charge as well as the charges associated with the conditioning tasks performed as set forth in Exhibit A.
III-10-B.5	Can Verizon require AT&T to p e-qualify aq loop for xDSL functionality?	See AT&T Contract Language For III-10.	See Verizon Contract Language For III-10-B-4.
III-10-B- 5a	If AT&T elects not to pre-qualif a loop and the loop is not currently being used to provide services in the HFS, but was previously used to provide a service in the HFS, should Verizon be liable if the loop fails to mee, the operating parameter of a qualified loop?	See AT&T Contract Language For III.10.	See Verizon Contract Language For III-10-4.
111-10-B.6	Can AT&T, (or its authorized a tent), at its option provide the splitter functionality in virtual, common (aka shared cageless) or traditional caged physical collocation?	See AT&T Contract Language For III.10.	See Verizon proposed contract language to AT&T at III-10.
III-10-B.7	Must Verizon, at AT&T's reque. t, deploy a splitter on a line-at- a-time basis as an additional functionality of the loop?	See AT&T Contract Language For III-10.	
III-10-B.8	Must Verizon perform cross-con nection wiring at the direction of AT&T (or its authorized agent), including CLEC-to-CLEC cross-connections, regardless of who leploys a splitter or whether it is deployed in a line sharing or live splitting arrangement? (Pfau & Rubin)	See AT&T Contract Language For 111.10, in particular Section 1.4.2 (formerly Section 1.11.2)	See Verizon proposed contract language to AT&T at 111-10.
111-10-B.9	Must Verizon implement line sh tring/splitting in a manner consistent with that ordered in Hew York?	See AT&T Contract Language For III.10.	See§ 11.2.18 of Verizon proposed contract language to AT&T at III- 10.